

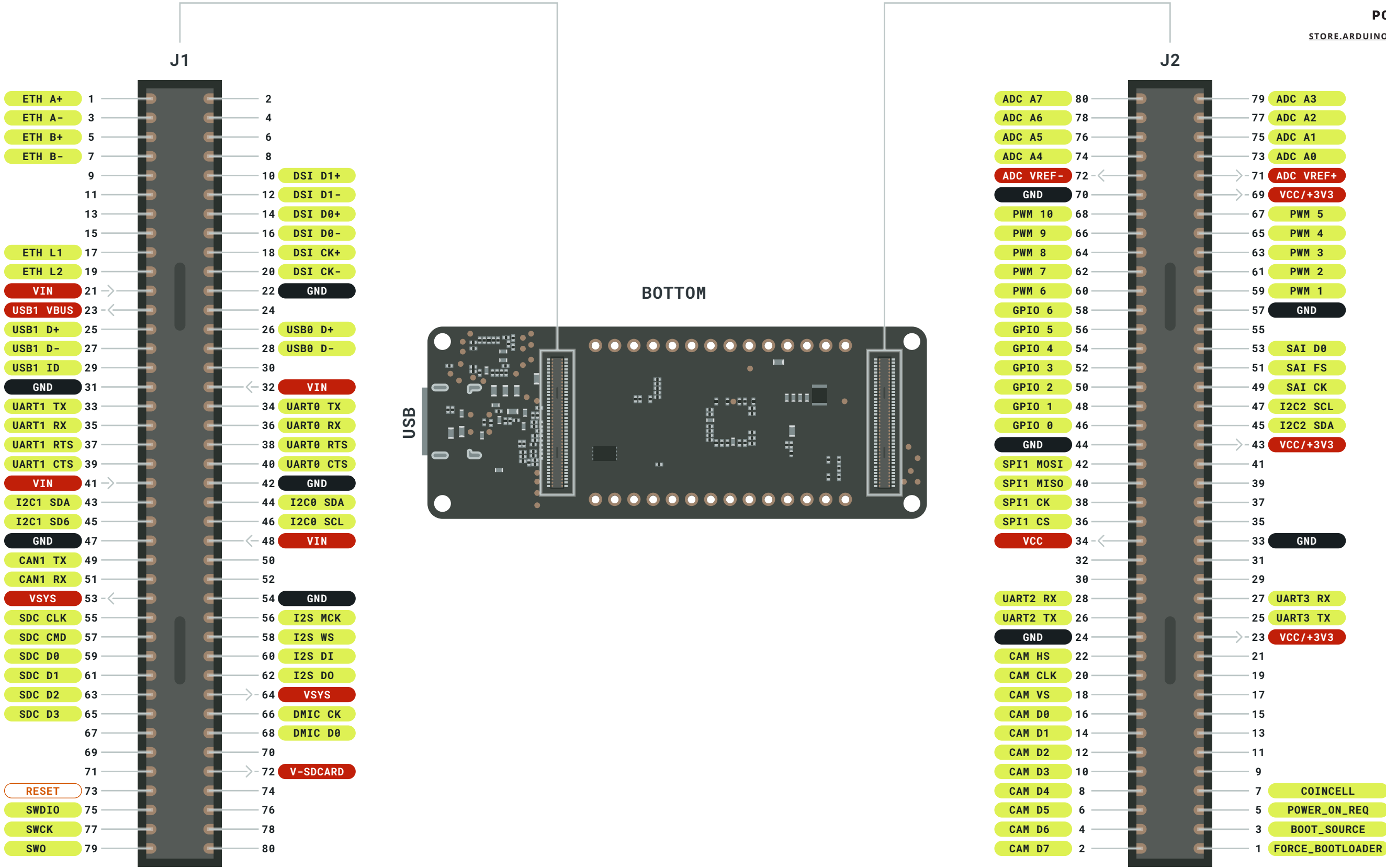
Ground	Digital Pin	Analog
Power	Analog Pin	Communication
LED	Other Pin	Timer
Internal Pin	Microcontroller's Port	Extra Features
SWD Pin	Default	Debug
	High Density Connector	

- ⚠ **WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA

⚠ **WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA

⚠ **WARNING** Output current sunk by any I/O and control pin is 20 mA





- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

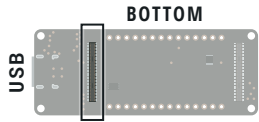
**WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA

**WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA

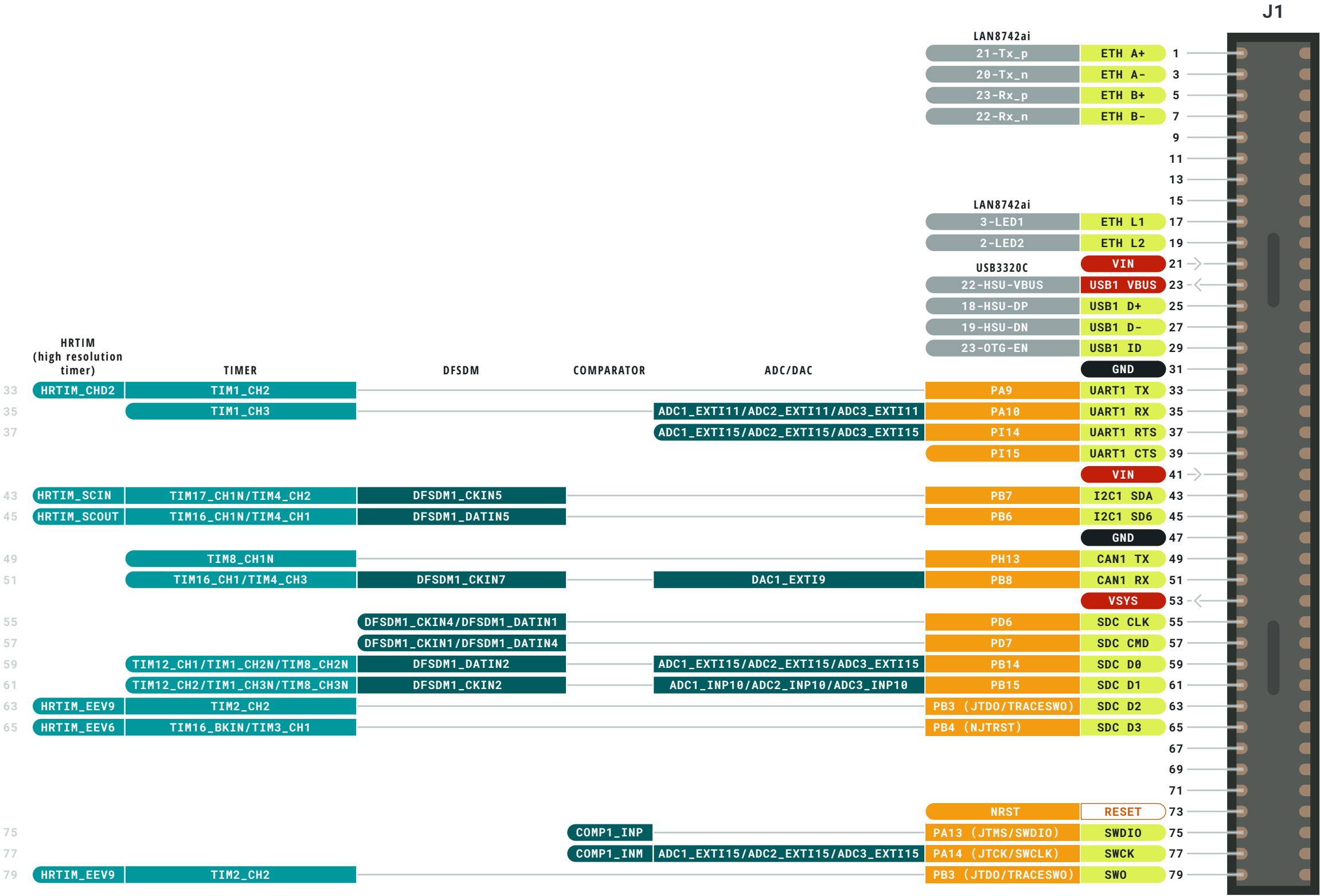
**WARNING** Output current sunk by any I/O and control pin is 20 mA



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J1\_odd - Analog/Timer



- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

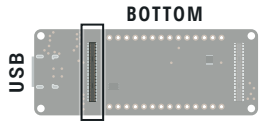
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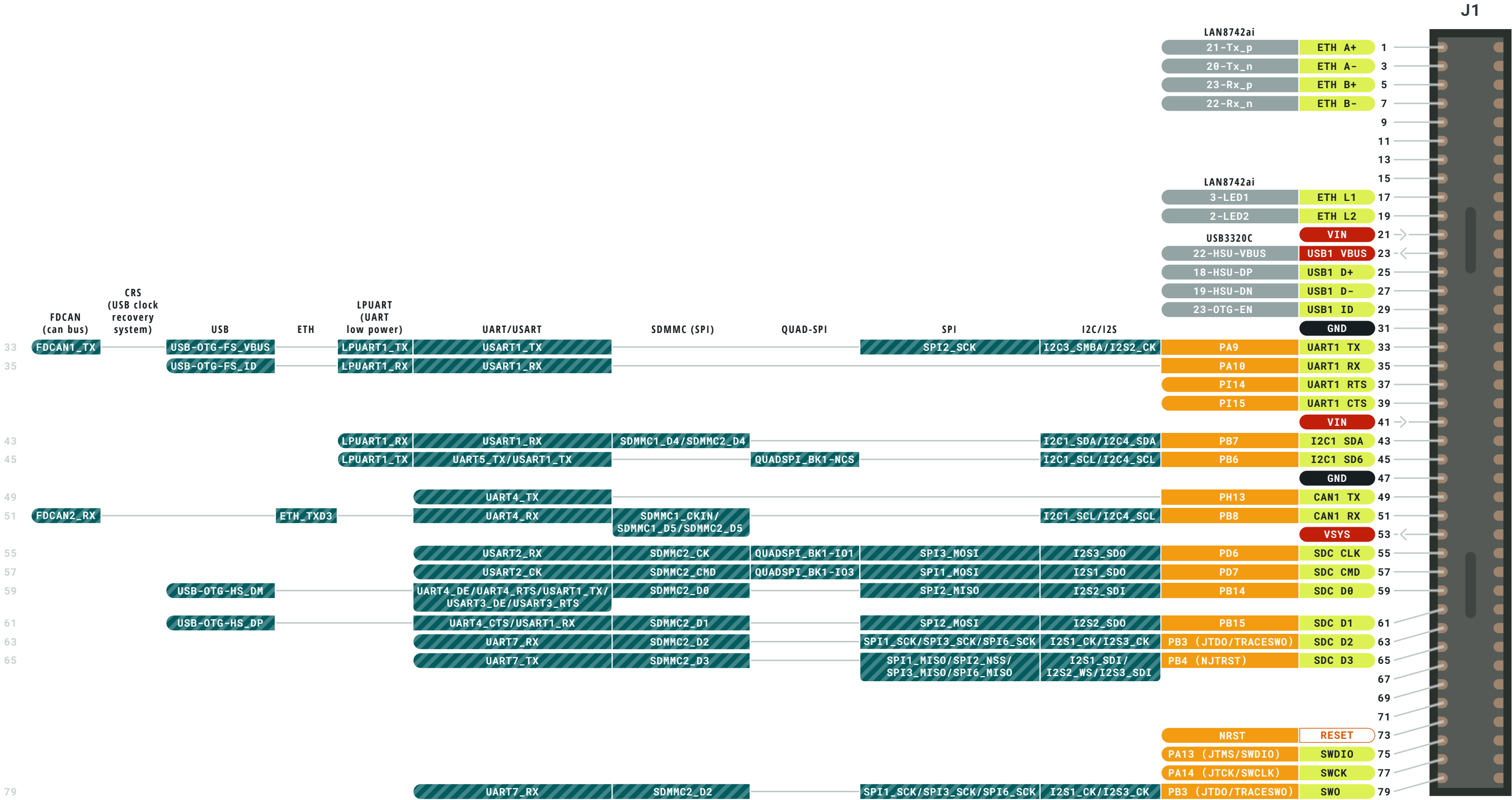
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# J1\_odd - Communication

ARDUINO  
PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



**WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA

**WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA

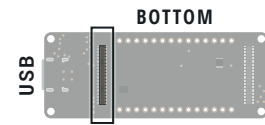
**WARNING** Output current sunk by any I/O and control pin is 20 mA

ARDUINO . CC

Last update: 23/03/2020



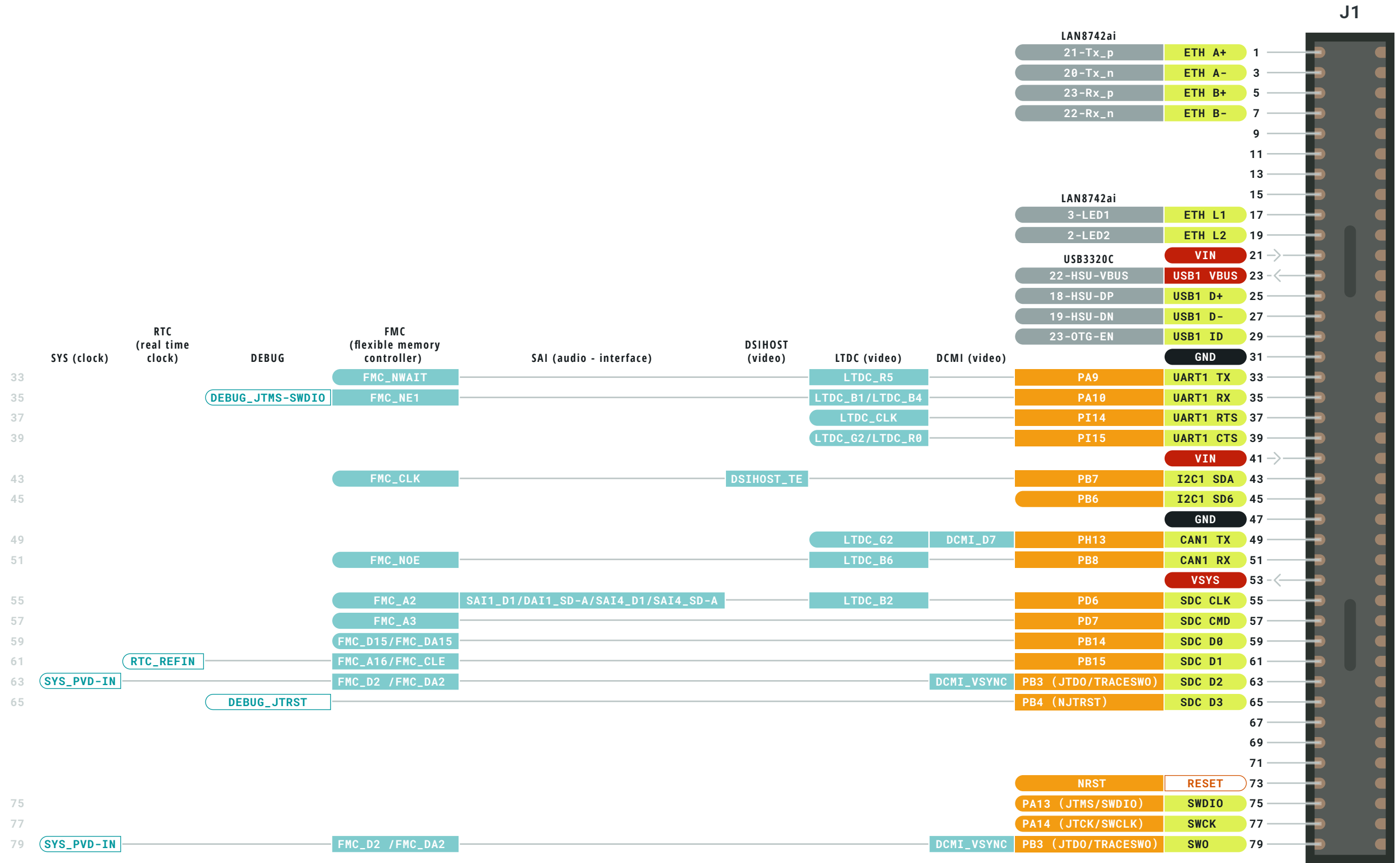
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# J1\_odd - Extra/Debug

ARDUINO  
PORTENTA H7

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- Ground
- Power
- LED
- Internal Pin
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- Digital Pin
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- Microcontroller's Port
- Default
- High Density Connector
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- Communication
- Timer
- Extra Features
- Debug

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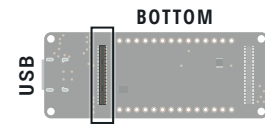
**WARNING** Output current sunk by any I/O and control pin is 20 mA

ARDUINO . CC

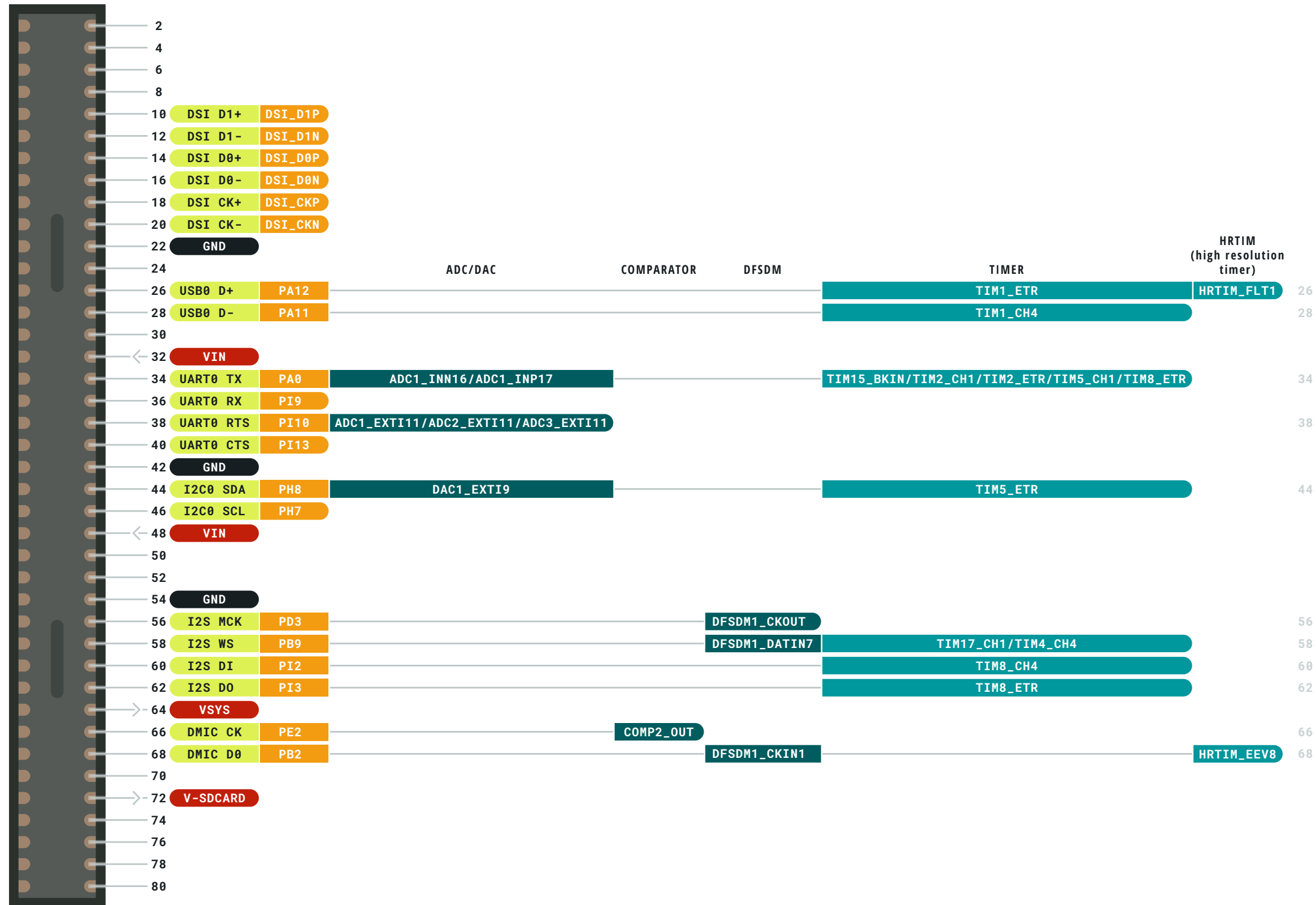
Last update: 23/03/2020



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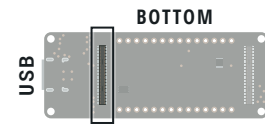
# J1\_even - Analog/Timer



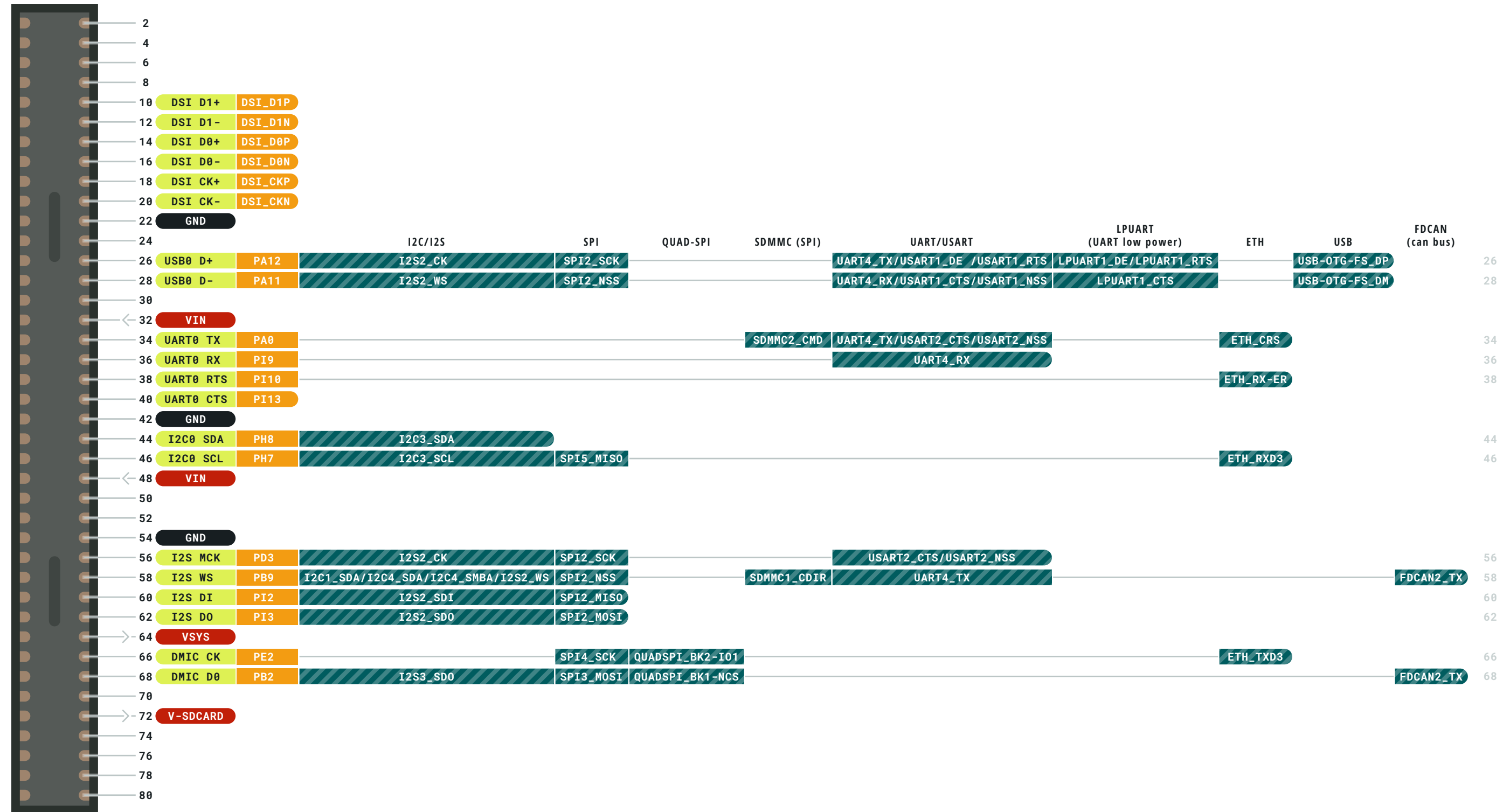
- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

- WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA
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# J1\_even - Communication

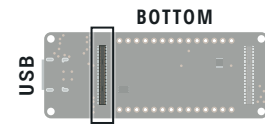


- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

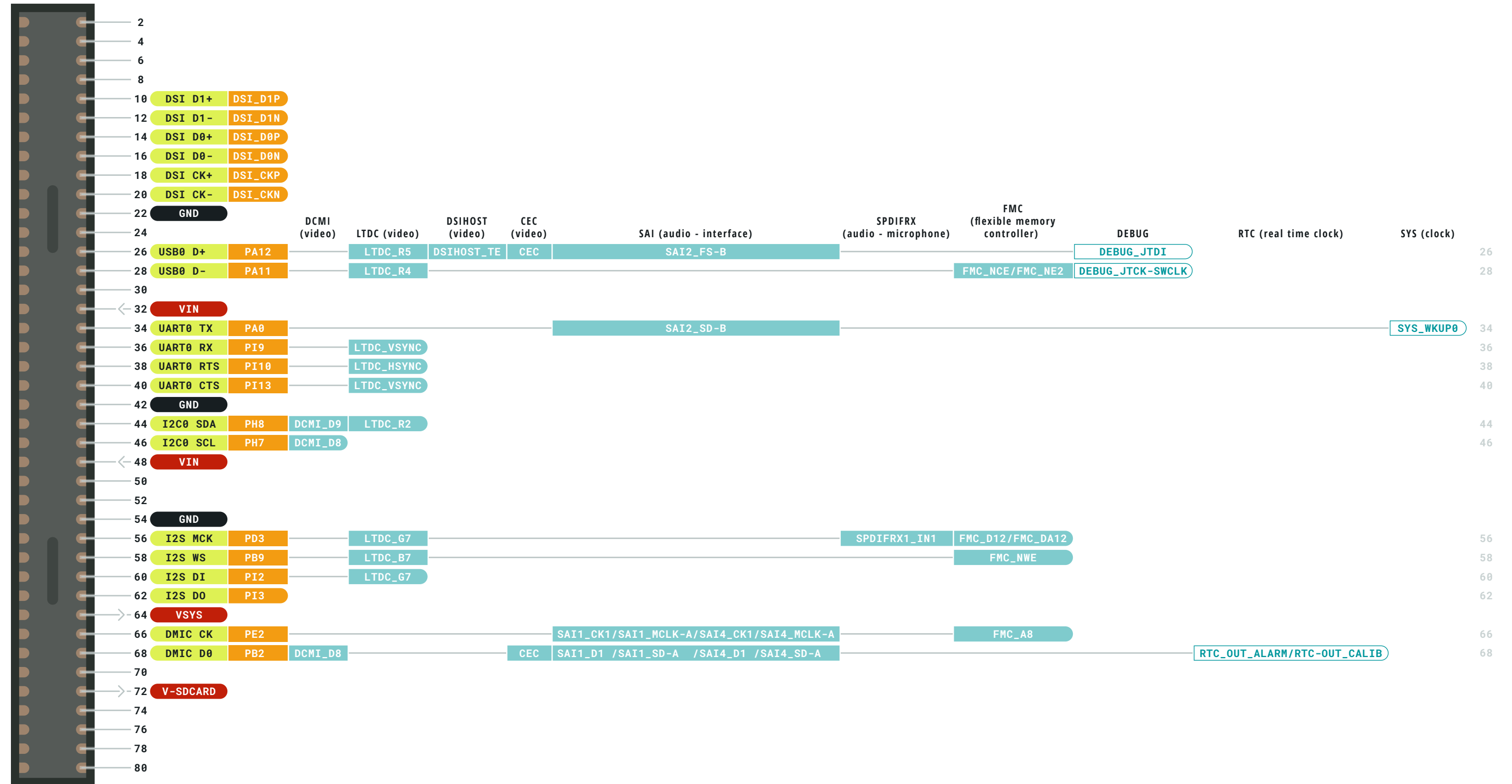
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# J1\_even - Extra/Debug

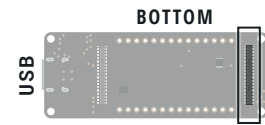


- Ground
- Power
- LED
- Internal Pin
- SWD Pin
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- Analog Pin
- Other Pin
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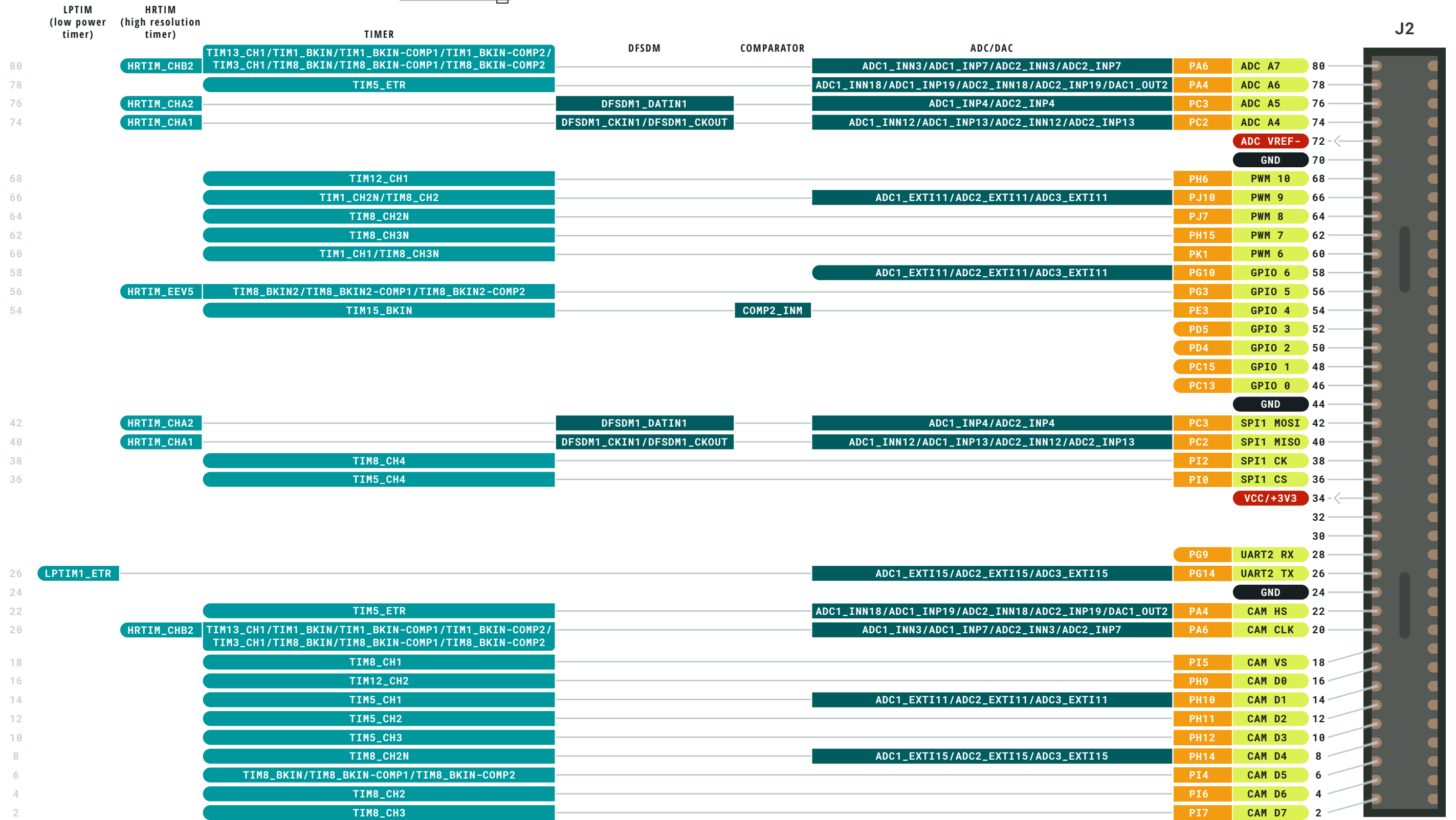




# J2\_even - Analog/Timer

ARDUINO  
PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



**WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA

**WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA

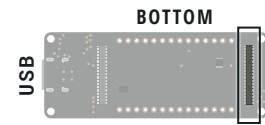
**WARNING** Output current sunk by any I/O and control pin is 20 mA

ARDUINO . CC

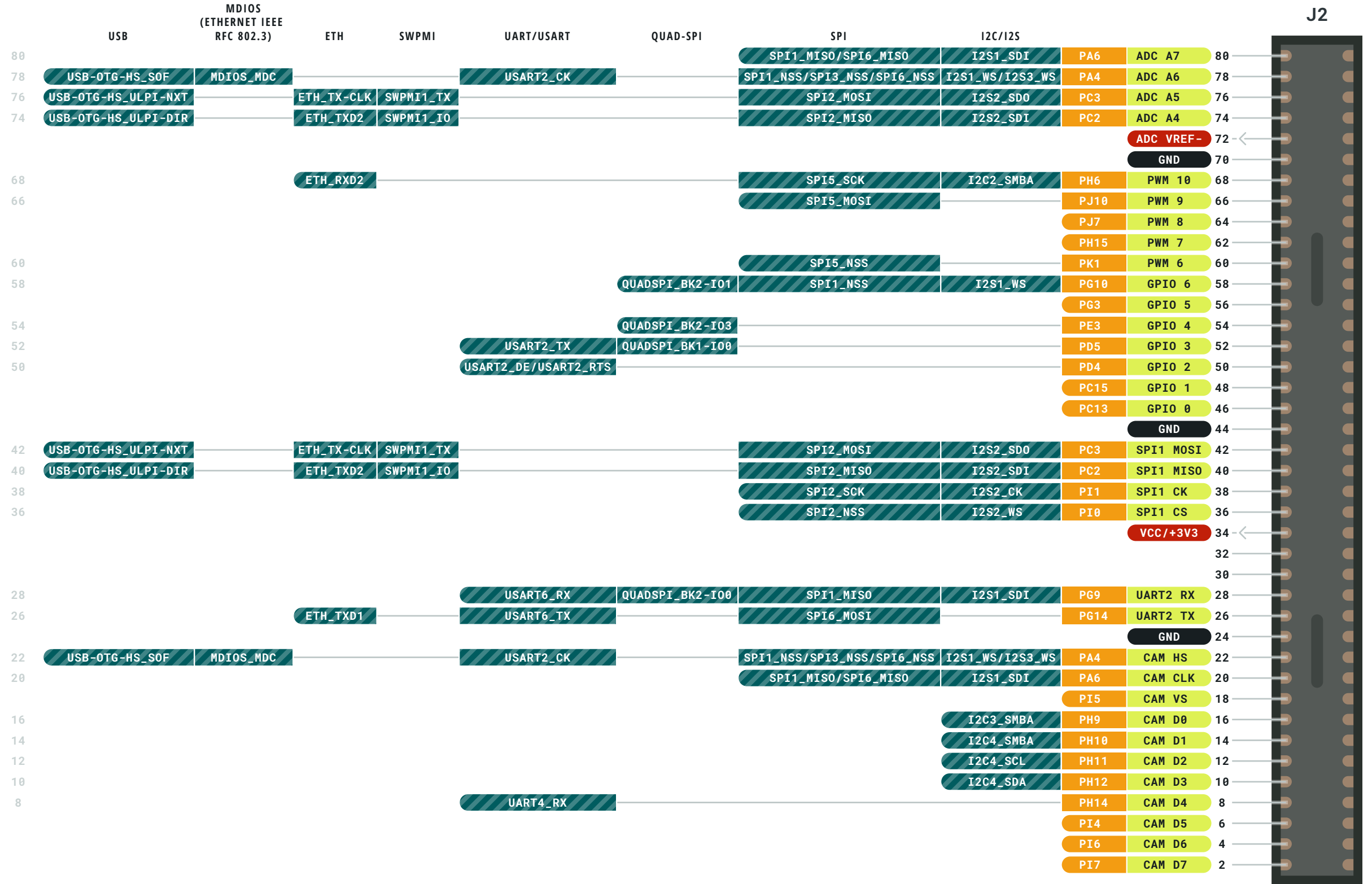
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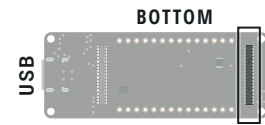
# J2\_even - Communication



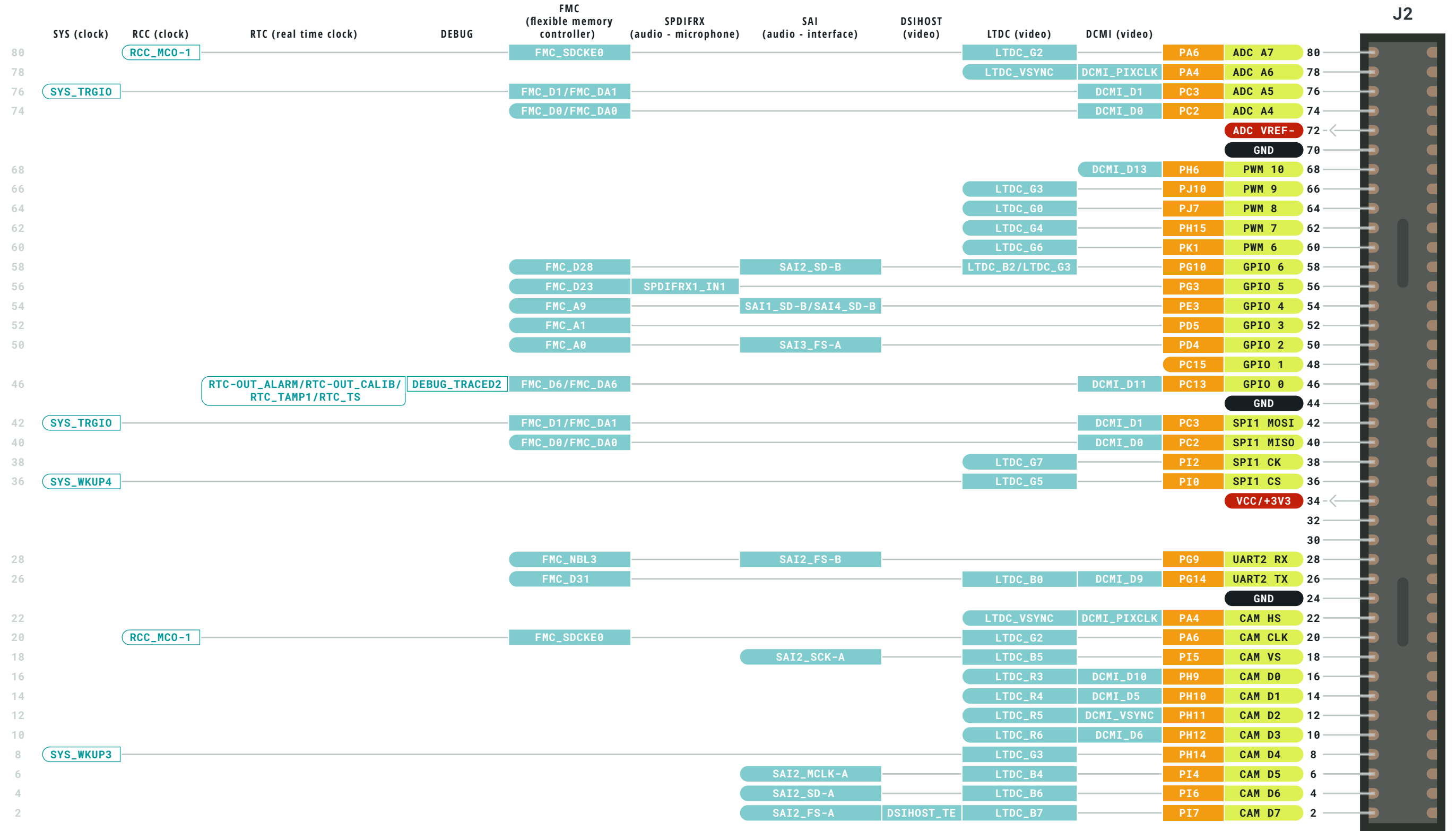
- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

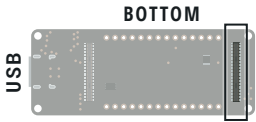
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# J2\_even - Extra/Debug

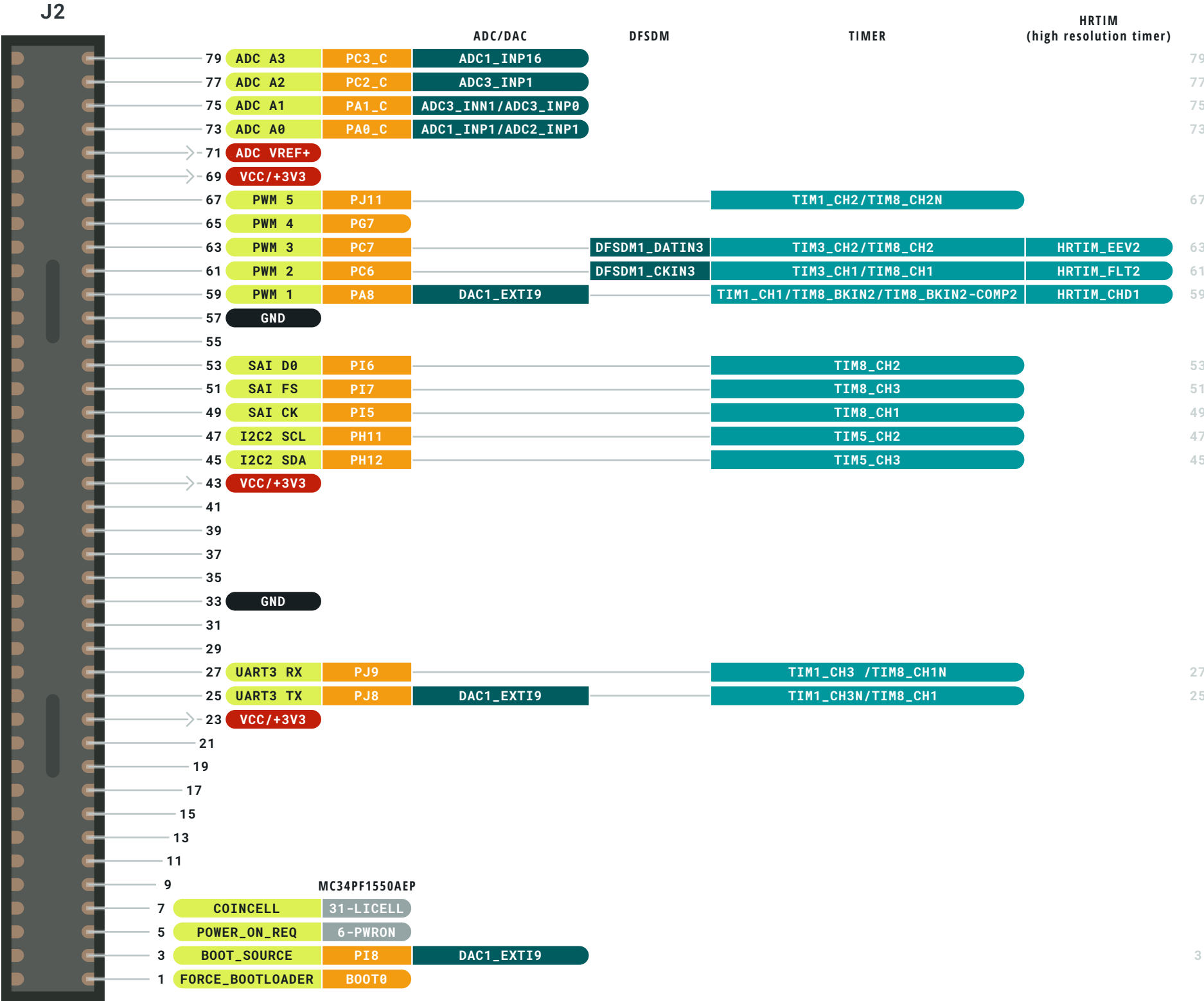




# J2\_odd - Analog/Timer

ARDUINO  
PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



Ground

Power

LED

Internal Pin

SWD Pin

Digital Pin

Analog Pin

Other Pin

Microcontroller's Port

Default

High Density Connector

Analog

Communication

Timer

Extra Features

Debug

- ⚠

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- ⚠

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- ⚠

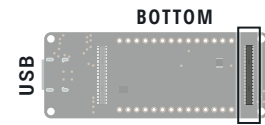
**WARNING** Output current sunk by any I/O and control pin is 20 mA

ARDUINO . CC

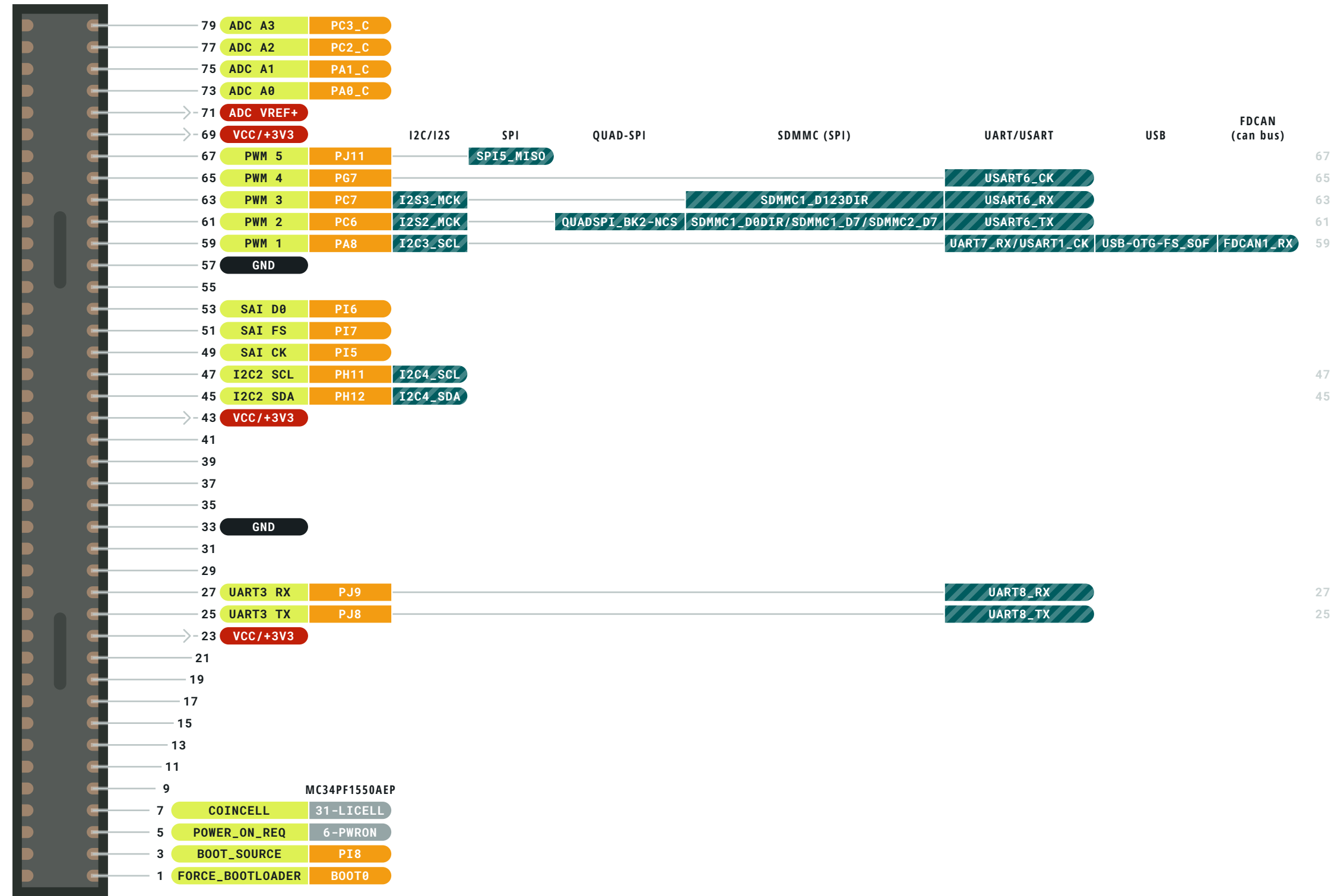
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# J2\_odd - Communication



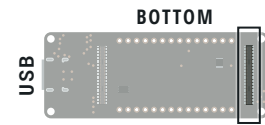
- Ground
- Power
- LED
- Internal Pin
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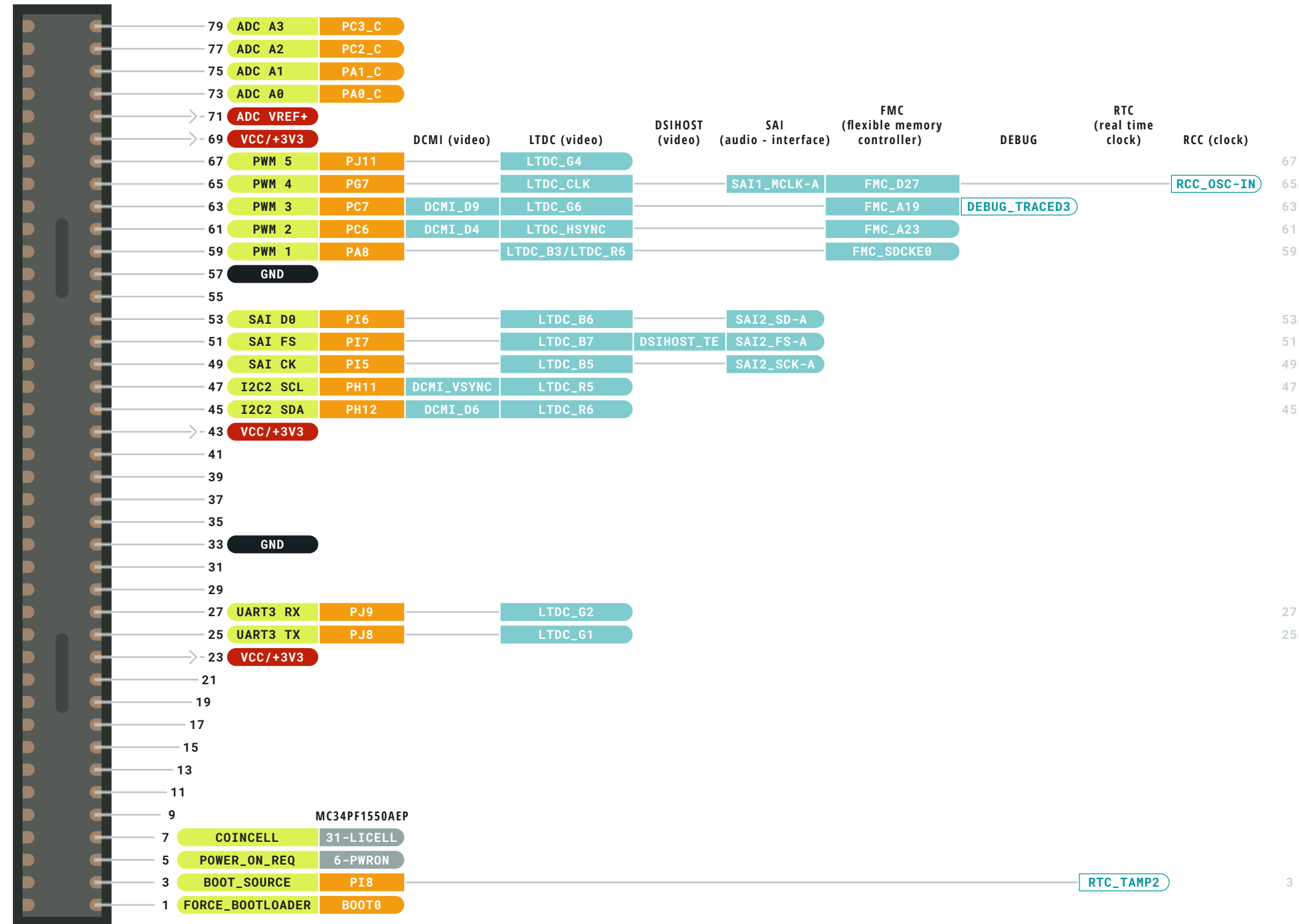
J2



# J2\_odd - Extra/Debug

ARDUINO  
PORTENTA H7

STORE.ARDUINO.CC/PORTENTA-H7



- Ground
- Power
- LED
- Internal Pin
- SWD Pin
- Digital Pin
- Analog Pin
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- Microcontroller's Port
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- High Density Connector
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- Extra Features
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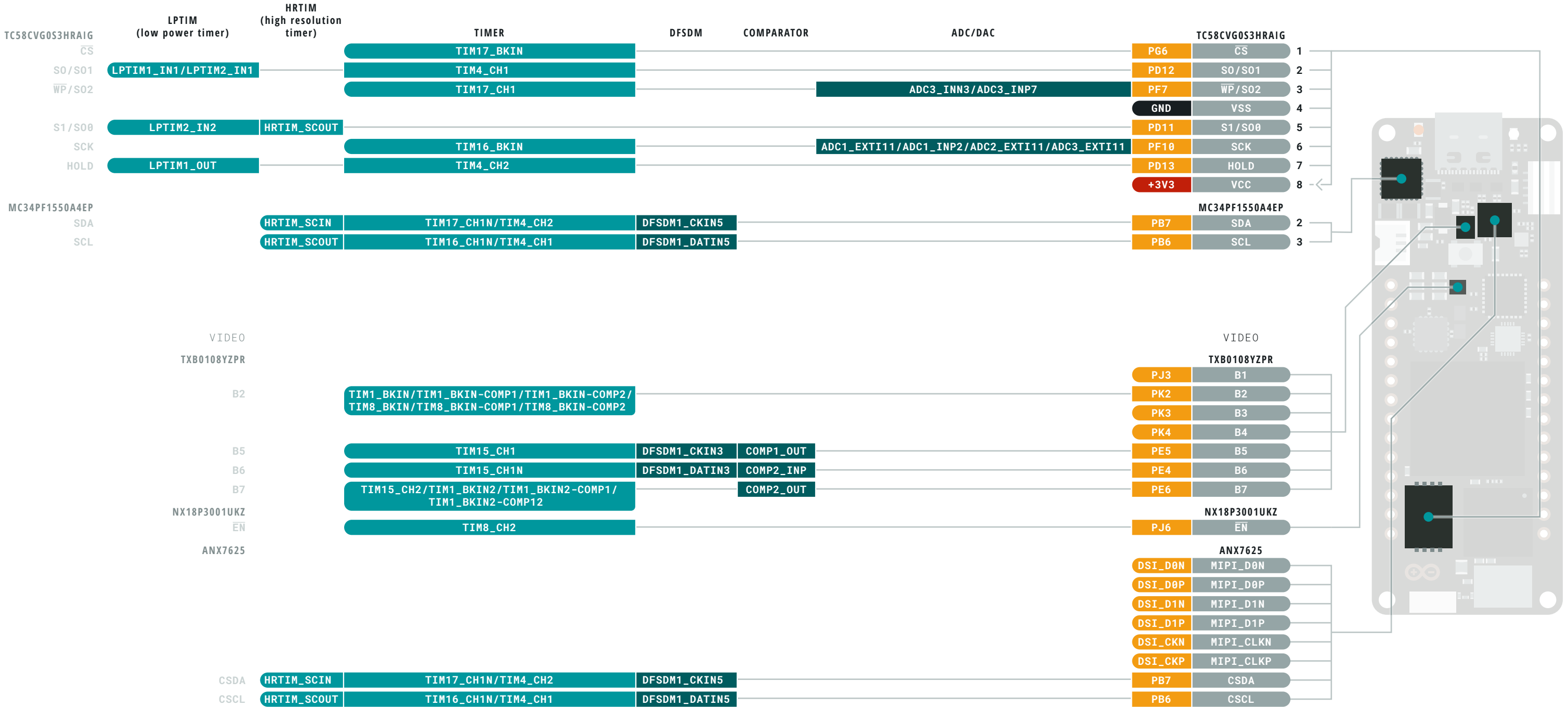
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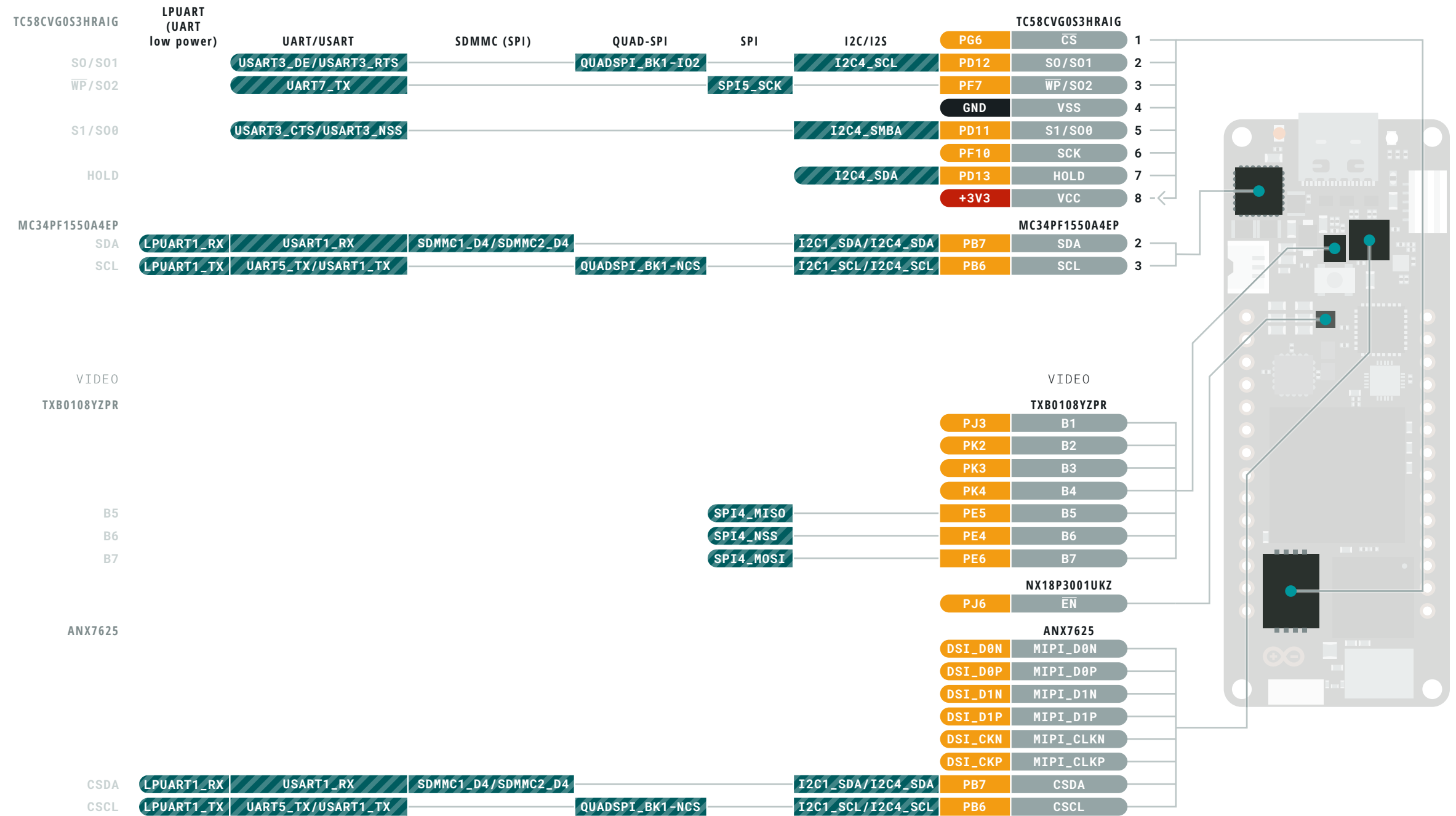
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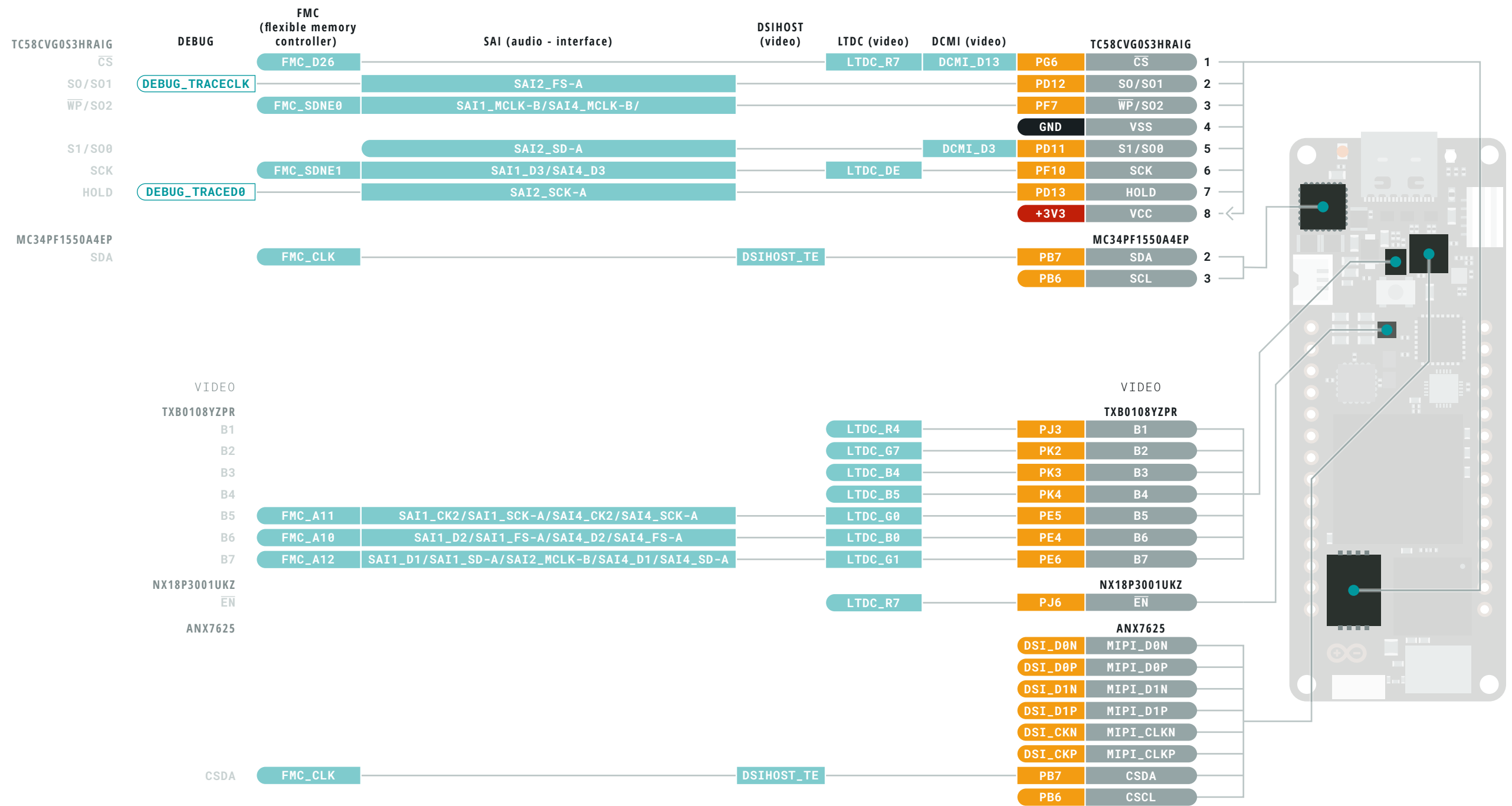
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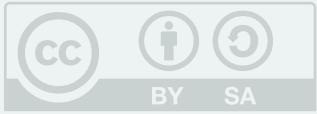


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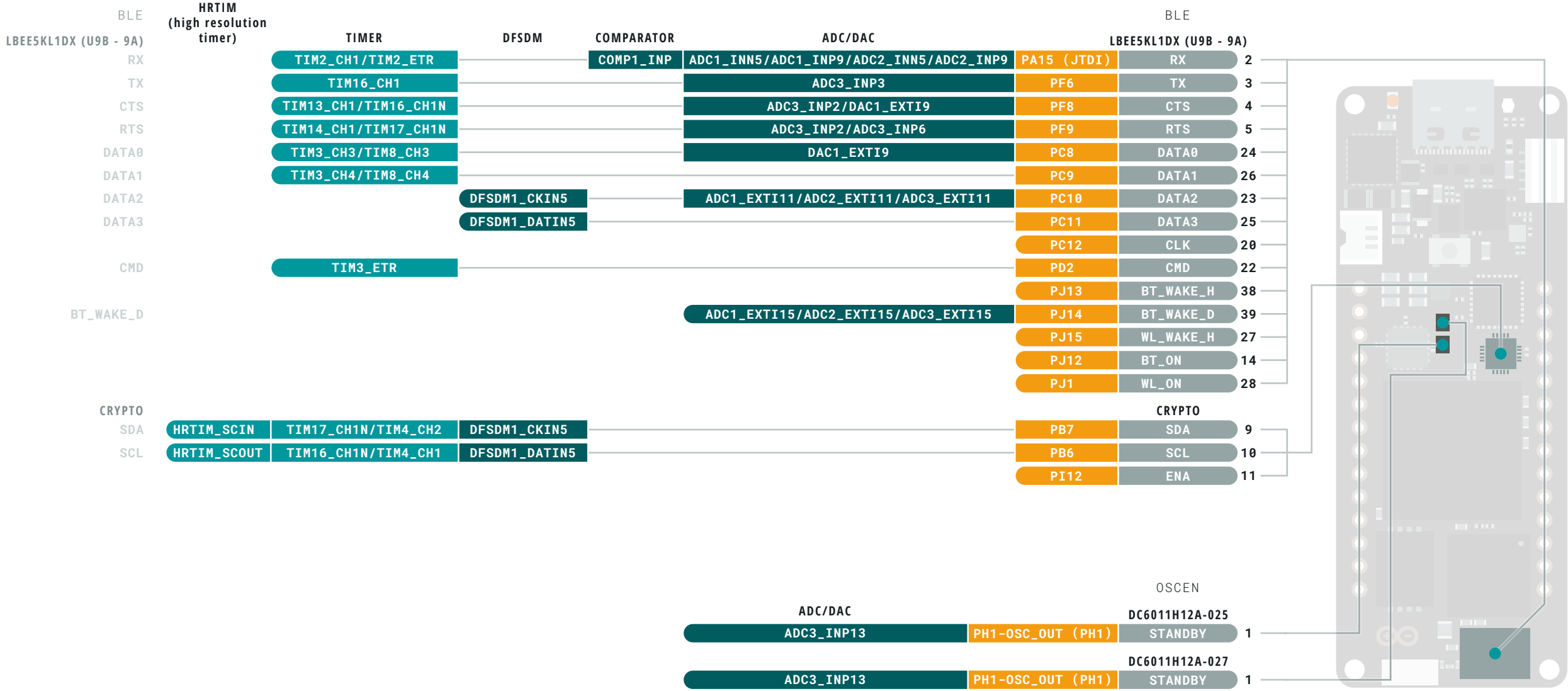
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- Ground

Power

LED

Internal Pin

SWD Pin
- Digital Pin

Analog Pin

Other Pin

Microcontroller's Port

Default

High Density Connector
- Analog

Communication

Timer

Extra Features

Debug

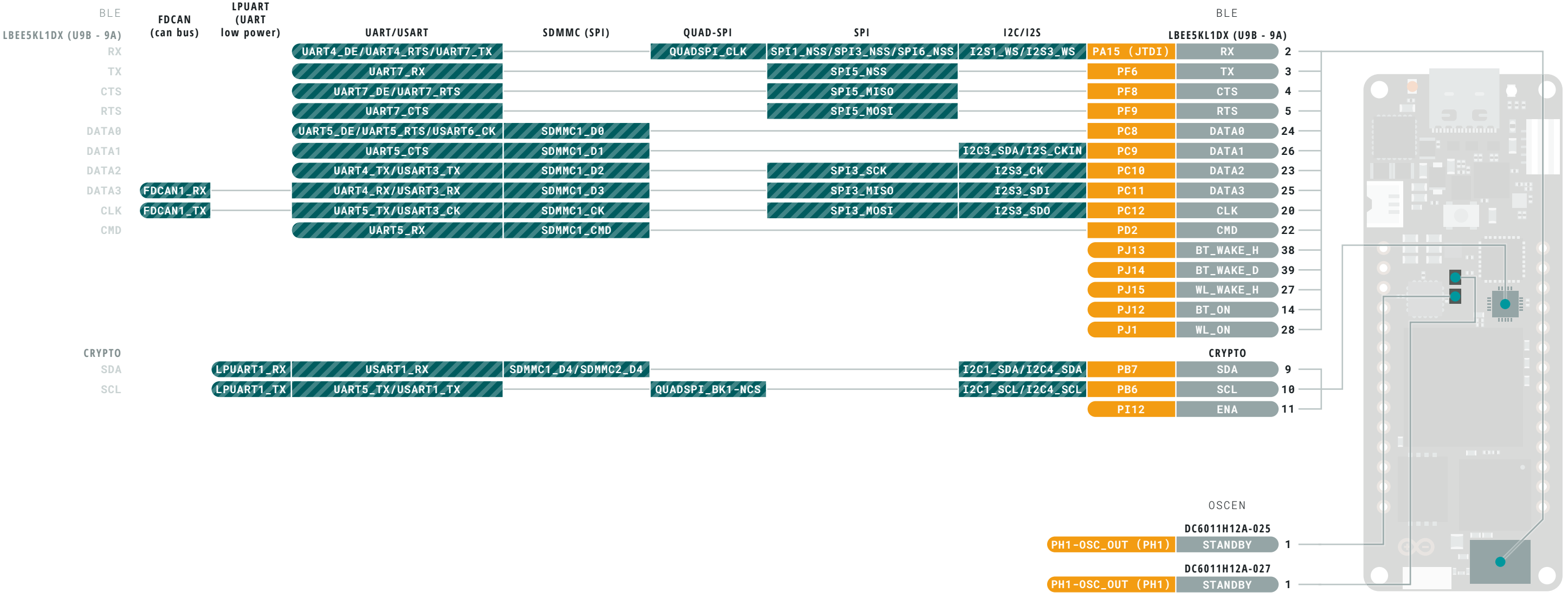
- WARNING

Total output current sunk by sum of all I/Os and control pins is 140 mA
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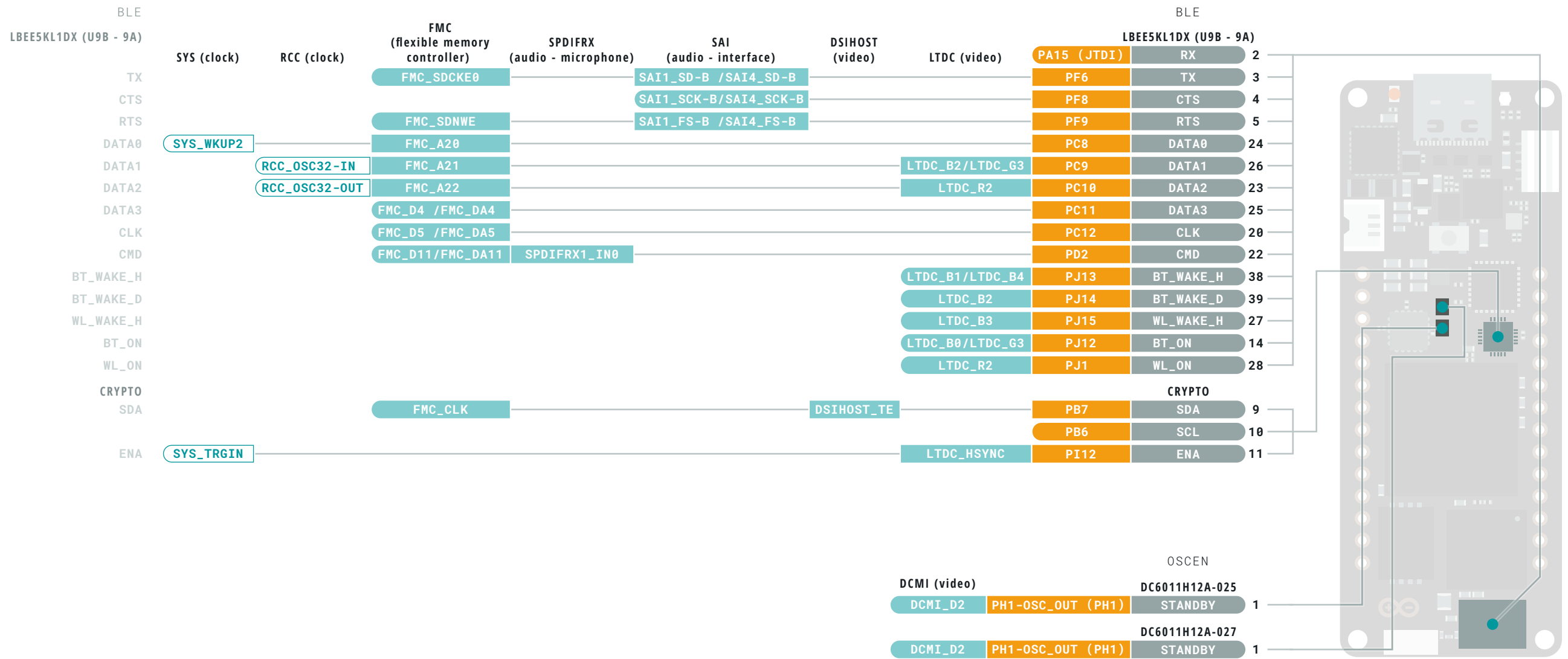
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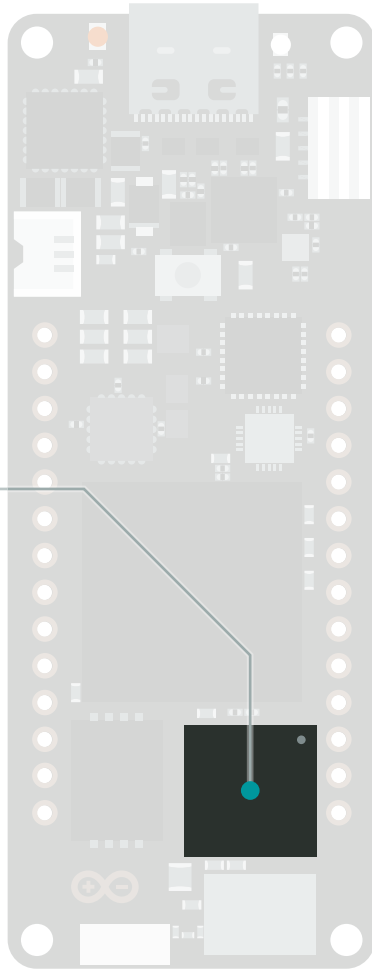
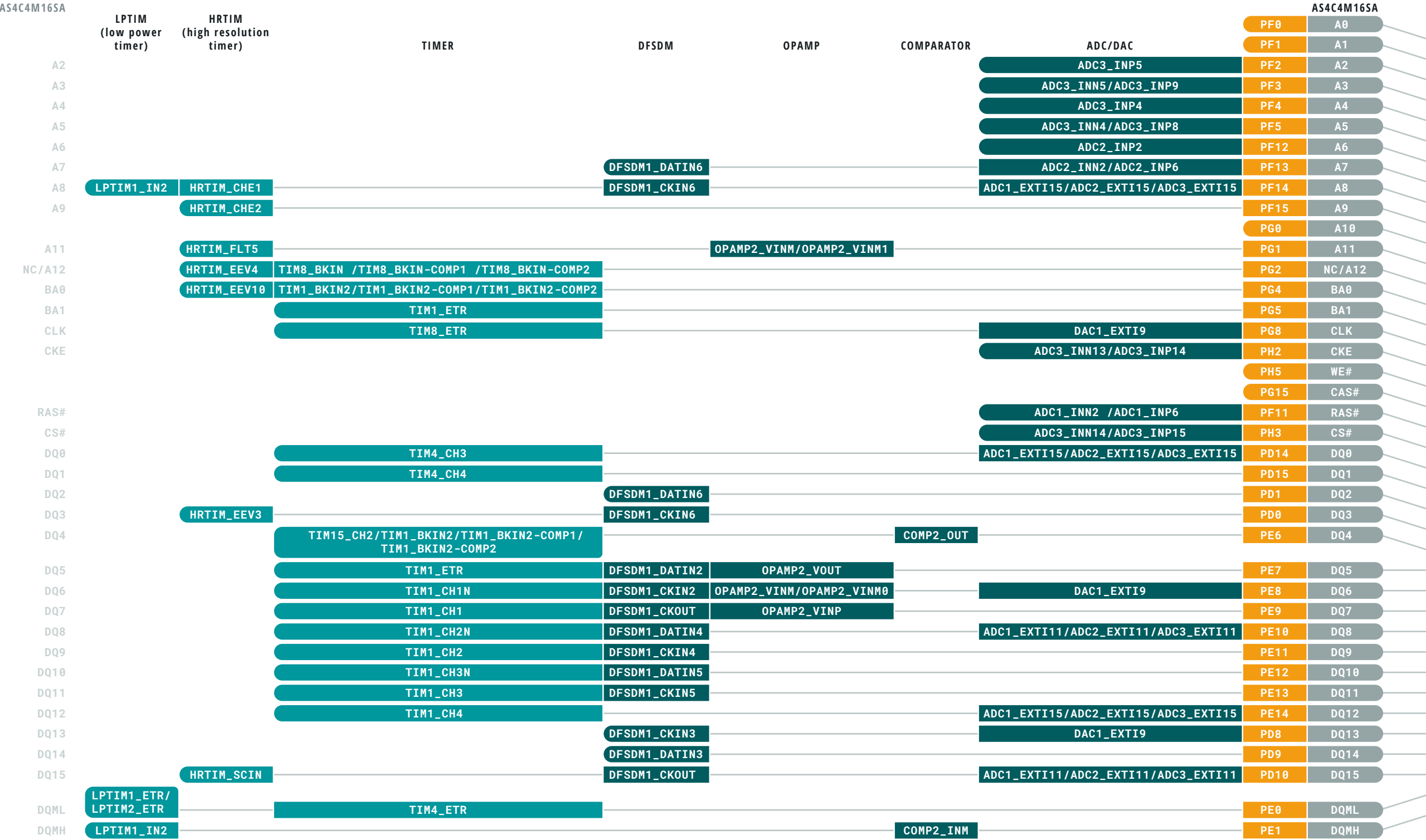
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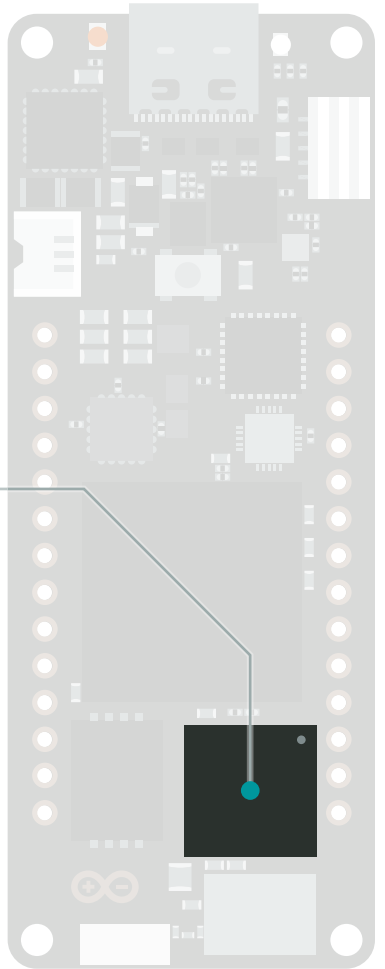
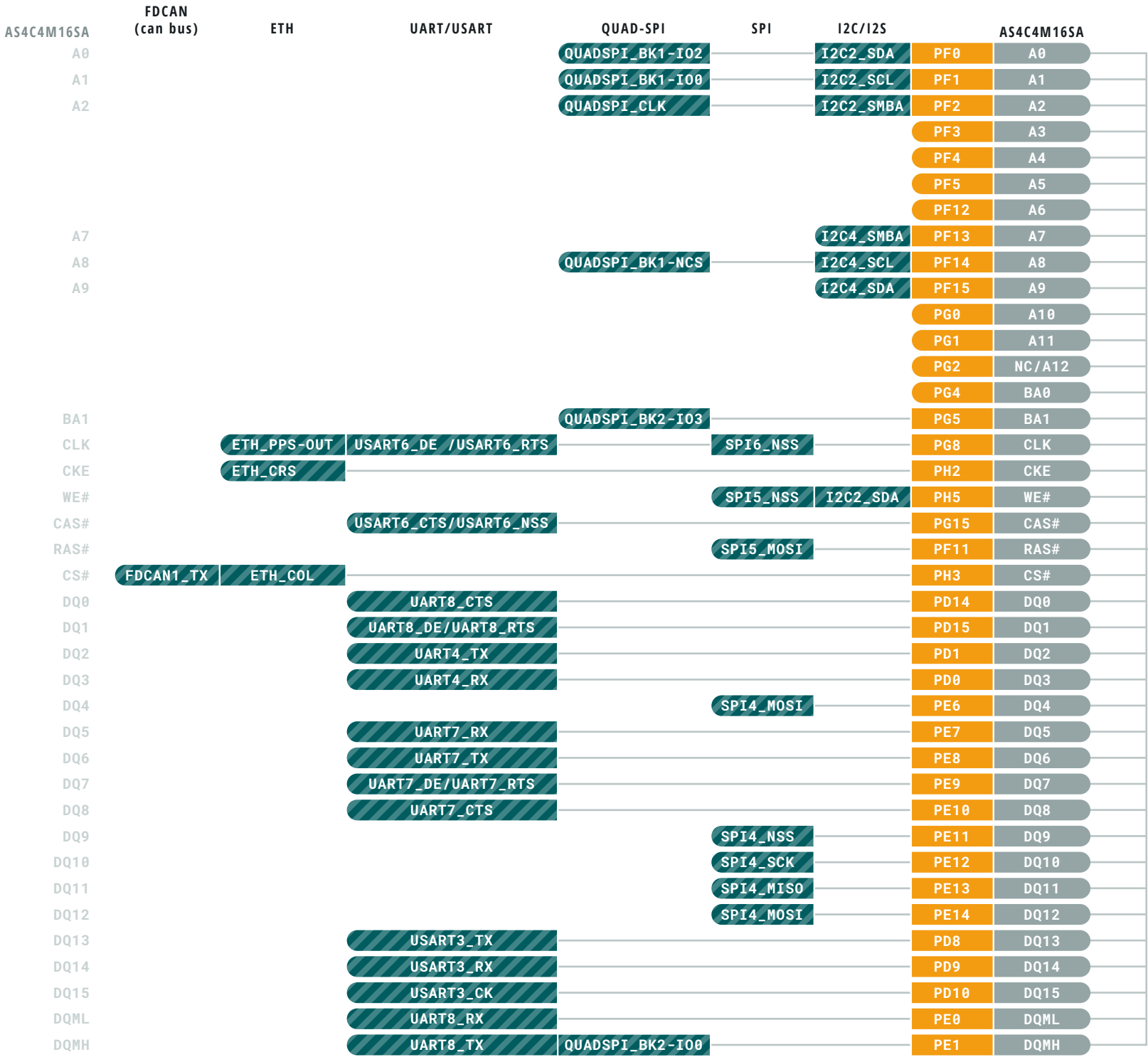
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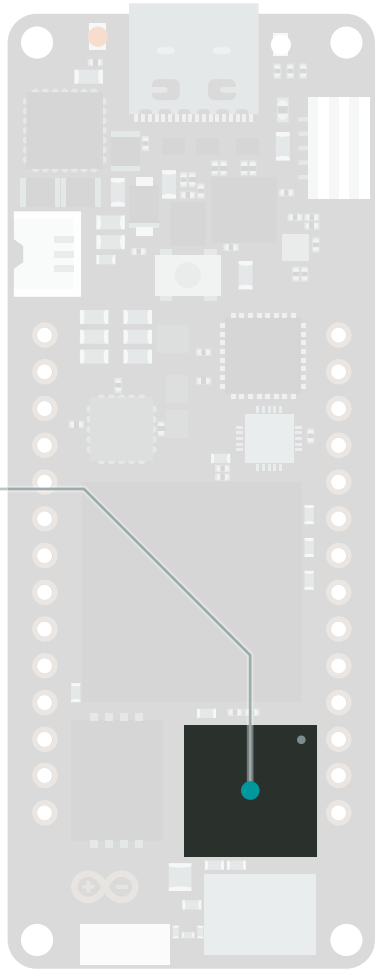
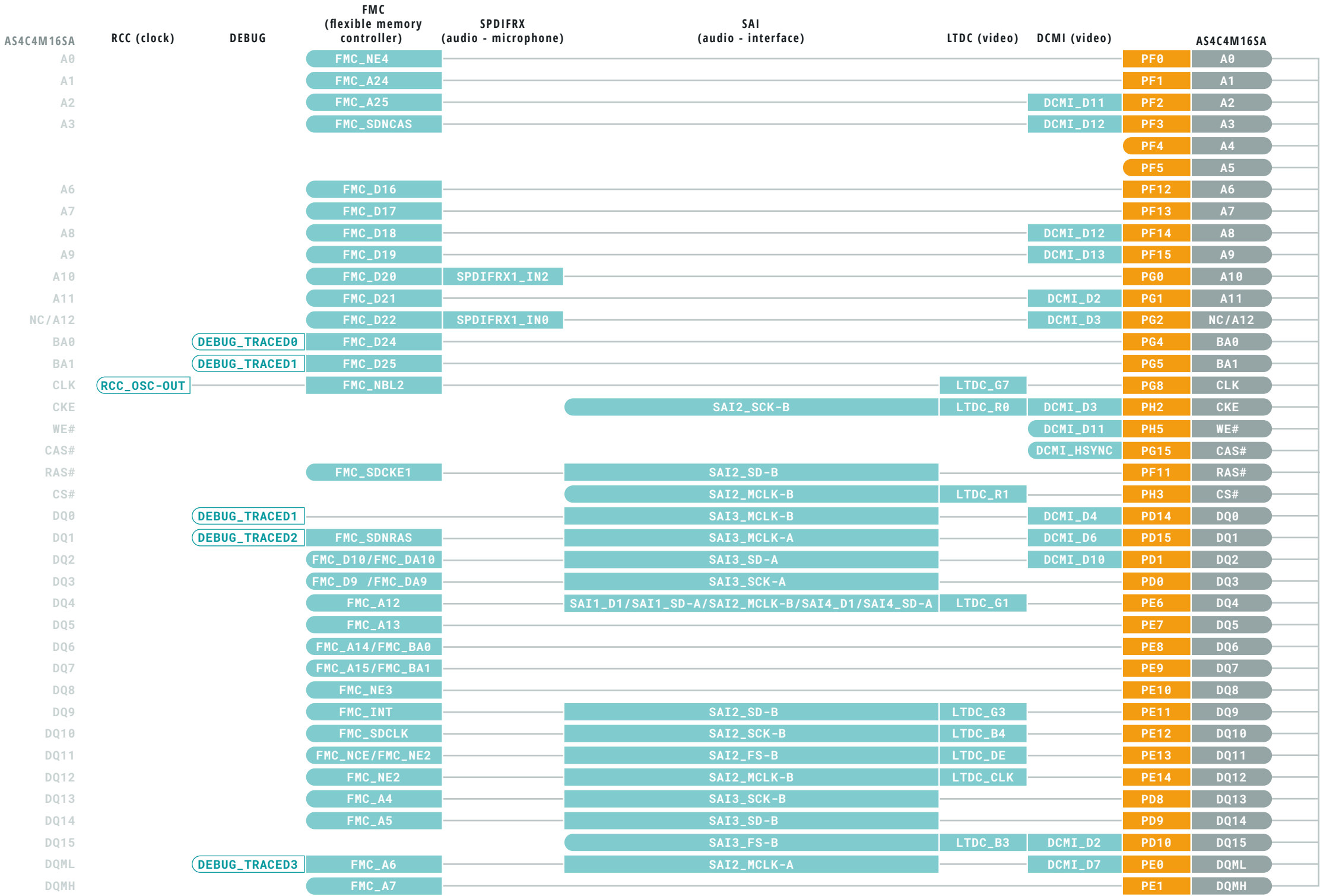
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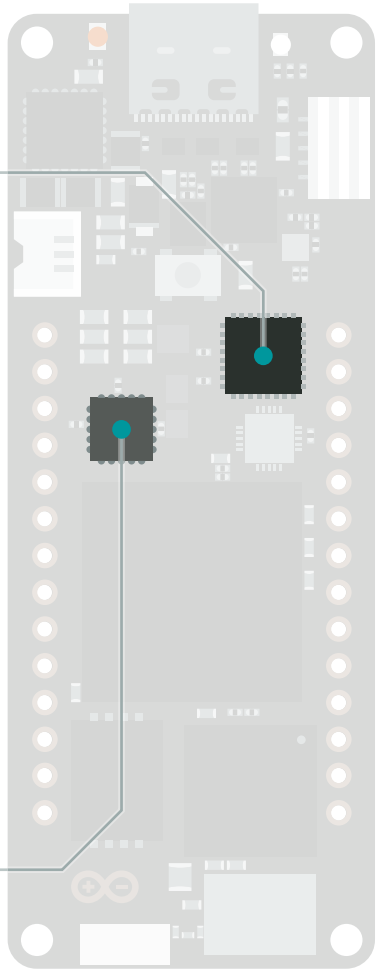
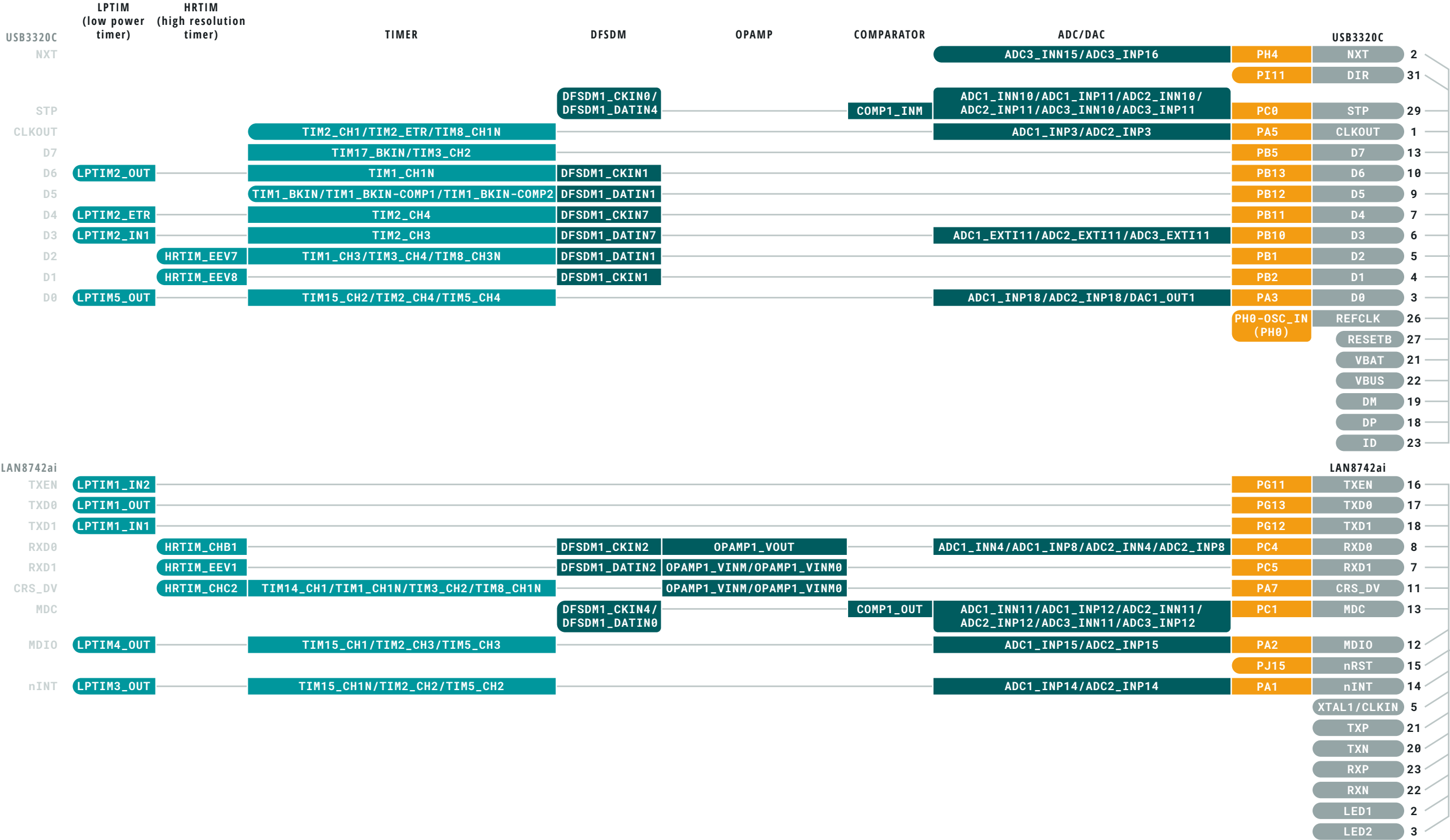
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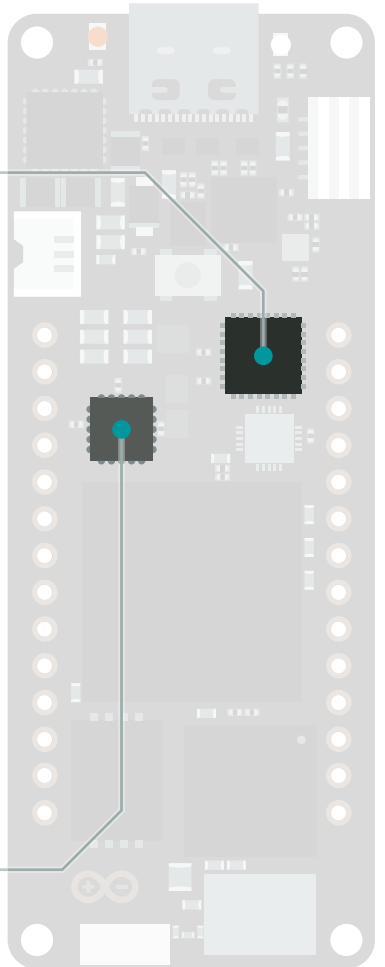
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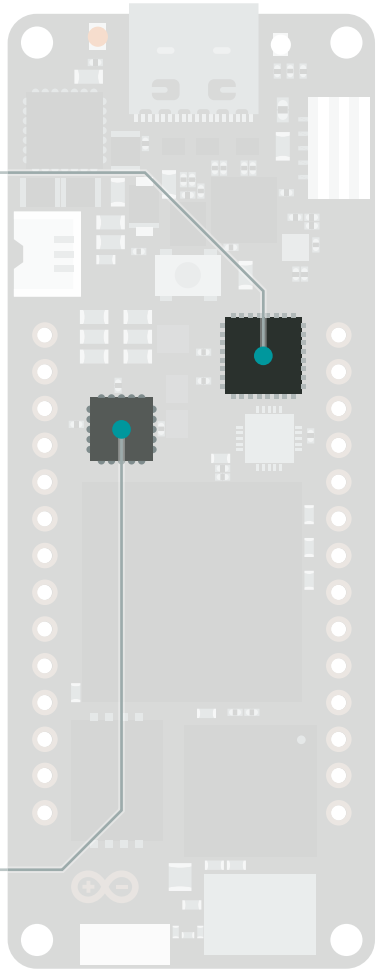
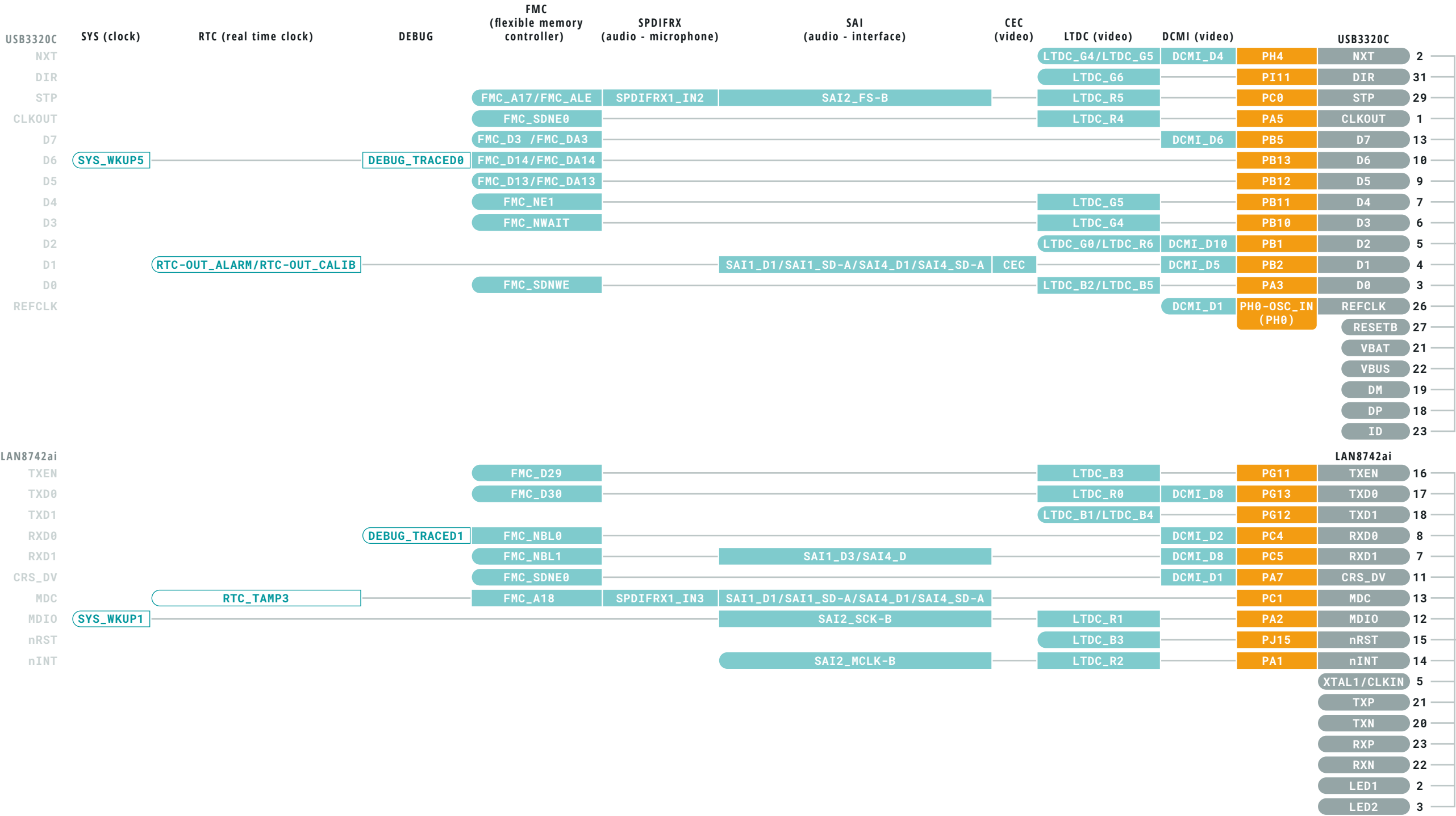
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- Digital Pin
- Analog Pin
- Other Pin
- Microcontroller's Port
- Default
- High Density Connector
- Analog
- Communication
- Timer
- Extra Features
- Debug

- WARNING** Total output current sunk by sum of all I/Os and control pins is 140 mA
- WARNING** Total output current sourced by sum of all I/Os and control pins is 140 mA
- WARNING** Output current sunk by any I/O and control pin is 20 mA

